Iowa EIP Planning and Implementation

Abstract

Methodology

Application Inventory and Consolidation

Initiative

Establish a strategy for conducting and maintaining an **enterprise application inventory** collecting information that will assist in the development of a consolidated enterprise application matrix, allowing for the creation of an enterprise application entity relationship diagram to be used in the planning and design for application consolidation in regards to intradepartmental and interdepartmental consolidation of applications. Reduction in duplication of resources. Reduced support cost of hardware, software, maintenance fees, license fees, management support.

Applications Model

IT assets have high turnover and mobility, making it difficult to efficiently deliver agreed-upon service levels or cost-effectively allocate resources. As a result, organizations often incur higher costs in both expenses and lowered productivity.

Maximize the business value of IT applications inventory

Applications asset management and discovery enables you to locate, categorize and manage the lifecycle of all the assets in the IT infrastructure to better support business operations and initiatives.

Achieve best-practice applications asset management and discovery process

Define application asset management and discovery implementation milestones that provide measurable benefits.
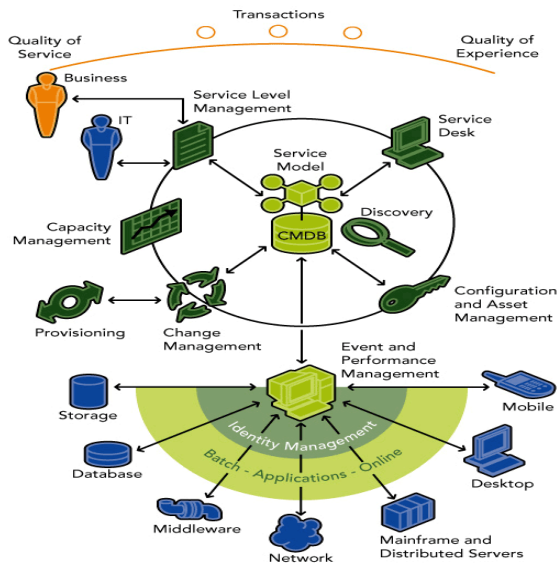
Application Asset Management and Discovery

- Identify an automated best-practice lifecycle, contractual and financial control out of the box
- Identify full suite of tools for automated element, configuration and relationship discovery

Increased ROI through improved IT application control, including redistribution of surplus assets, elimination of manual processes and reduction of costs

Asset Management and Discovery provides a direct path utilizing detailed asset information to better allocate resources for current and future business needs. Enabling:

- Discover and capture data about assets you already have in place
- Reconcile interrelated asset data in a centralized repository
- Automate workflows for best-practice lifecycle, contractual and financial controls

Establish an implementation plan to populate an open application configuration management database (CMDB) that can accept input and reconcile data from multiple sources, as well as integrate with other IT processes

Team Mission Statement

The Application transition implementation and migration project team will offer input and feedback in establishing a strategy for conducting and maintaining an enterprise application inventory, collecting information that will assist in the development of a consolidated enterprise application matrix, allowing for the creation of an enterprise application entity relationship diagram to be used in the planning and design for application consolidation in regards to intradepartmental and interdepartmental consolidation of applications. This will result in a reduction in duplication of resources, reduced support cost of hardware, software, maintenance fees, license fees, management support.

Activity Level Project Timeline

Description of Activities

1. Identify current state
Description
Identify which agencies have a database list of current applications and which need to be inventoried

Prior to conducting an application inventory the planning team must define what an "application" is and develop inventory criteria. Assurance must be planned to include every application in the collective database.

Identify available tools and options for conducting and maintaining the inventory the tools should include criteria for data to be collected regarding each application.

Deliver communications plan to agencies regarding inventory. |
| **Risk** |
| Moderate risk to this activity as the roles and responsibilities has a strong effect upon the overall technical standards and processes for the enterprise. |
| **Considerations** |
| Appropriation of funds required while obtaining the necessary agency commitment to time and resources to accomplish this activity. Care needs to be taken to minimize staff burnout. |

Expected Outcome:	The expected outcome of this activity is defined roles and responsibilities of the overall applications inventory parameters.
Timeframe:	2 – 4 months
Cost:	$80 - $120

2. Business Requirements Gathering
Description
Determine if it should be self reported, tool based discovery or manual inventory
Define what an entity relationship is Establish point of contact for each agency for application inventory
Identify federal/state codes and regulations implications on applications
Identify agency strategic plan and where/how the application ties to that plan
Determine format of measurable results
Deliver communications plan to agencies regarding inventory
Risk

<enter risk and mitigation here

Considerations
<enter considerations here>

Expected Outcome:	<enter outcome here>
Timeframe:	4 – 6 Months
Cost:	$60 – $90

3. ***Technical Requirements Gathering***

Description
Identify where the inventory data will be located, the platform and how it will be maintained Determine the process to maintain the inventory--frequency, etc. Design the matrix Develop a common description of application definitions—nomenclature "Data Dictionary" Define the processes to map the enterprise interdependencies for data Deliver communications plan to agencies regarding inventory

Risk
<enter risk and mitigation here

Considerations
<enter considerations here>

Expected Outcome:	<enter outcome here>
Timeframe:	3 – 6 Months
Cost:	$90 –$120

4. ***Plan for Future State Consolidation***

Description
Plan process to map applications to planned technology architecture Plan process to determine application fit to portfolio—portfolio management Deliver communications plan to agencies regarding inventory

Risk
<enter risk and mitigation here

Considerations
<enter considerations here>

Expected Outcome:	<enter outcome here>
Timeframe:	2 – 4 Months
Cost:	$50 – $75

Cultural Impacts

Next Steps